



U.S. Department
of Transportation

**Research and
Special Programs
Administration**

JUL 3 2000

400 Seventh Street, S.W.
Washington, D.C. 20590

DOT-E 8786
(SEVENTH REVISION)

EXPIRATION DATE: May 31, 2002

(FOR RENEWAL, SEE 49 CFR § 107.109.)

1. GRANTEE: STABILUS
Gastonia, NC

(See Appendix A of this exemption for a list of additional grantees)

2. PURPOSE AND LIMITATION:

a. This exemption authorizes the transportation in commerce of limited quantities of compressed gases, Division 2.2, in accumulators which deviate from the required retest parameters. This exemption provides no relief from any regulation other than as specifically stated herein.

b. The safety analyses performed in development of this exemption only considered the hazards and risks associated with transportation in commerce.

3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.
4. REGULATIONS FROM WHICH EXEMPTED:
49 CFR §§ 173.306(f)(2)(iii) and (f)(3), 175.3.
5. BASIS: This exemption is based on STABILUS' application dated June 13, 2000, submitted in accordance with § 107.109.

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6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Hazardous materials description/proper shipping name	Hazard Class/ Division	Identification number	Packing Group
Gas mixtures consisting of nitrogen gas and a nonhazardous material/ Accumulator, pressurized, or Consumer commodity (accumulator, pressurized)	Division 2.2 or ORM-D, as appropriate	as appropriate	N/A

7. PACKAGING AND SAFETY CONTROL MEASURES:

PACKAGING -

a. Packaging prescribed is a non-refillable accumulator as shown in Drawings F 2690 or F 2694 having not more than 100 cubic inches volume capacity. Packagings having a volume capacity not exceeding 30 cubic inches must be designed and fabricated for a burst pressure of no less than 4 times the charge pressure. Packagings having a volume capacity greater than 30 cubic inches but not over 100 cubic inches must be designed and fabricated for a burst pressure of not less than 5 times the charge pressure.

b. A lot is defined as the quantity of 1000 or less accumulators successively produced over a production shift not exceeding 10 hours, and having identical size, design, construction, material, heat treatment and quality. The test accumulators shall be a subassembly, closed at one end in the same manner as the finished product; the other end where the seal package is installed shall be sealed by the test machine in a position similar to that of the sealed package in the finished product. The following qualification tests must be performed:

(1) One test accumulator from each lot must be burst tested and pass the burst pressure requirements in paragraph 7(a) of this exemption.

(2) Two accumulators, one from the beginning and one from the end of each lot must be pressure tested to at least 2.5 times the charge pressure without leakage or distortion.

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c. If a lot fails to pass either of the above tests, an additional four sets of accumulators taken from that lot may be tested to qualify the lot. If any of the accumulators fail the qualification tests, that lot must be rejected.

d. Each packaging manufactured under the authority of this exemption must be marked as follows:

(1) The outside of each packaging must be plainly and durably marked "DOT-E 8786".

(2) Each packaging must be marked either (1) with the name of the manufacturer and location (City and State) of the facility at which it is manufactured or (2) with the registration symbol designated for the specific manufacturing facility.

e. Each package must be prepared and shipped in accordance with the following:

(1) The accumulators must be packed in a strong outside packaging as prescribed in 49 CFR 173.301(k).

(2) The outside of each package must be plainly and durably marked "INSIDE CONTAINERS COMPLY WITH DOT-E 8786".

8. SPECIAL PROVISIONS:

a. A person who is not a holder of this exemption who receives a package covered by this exemption may reoffer it for transportation provided no modifications or changes are made to the package and it is reoffered for transportation in conformance with this exemption and the HMR.

b. A current copy of this exemption must be maintained at each facility where the package is offered or reoffered for transportation.

c. The limited quantities of compressed gas in accumulators under this exemption may be re-classed as an ORM-D material.

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle, rail freight, cargo vessel, cargo aircraft only, and passenger-carrying aircraft.

10. MODAL REQUIREMENTS: A current copy of this exemption must be carried aboard each cargo vessel and aircraft used to transport

packages covered by this exemption. The shipper must furnish a copy of this exemption to the air carrier before or at the time the shipment is tendered.

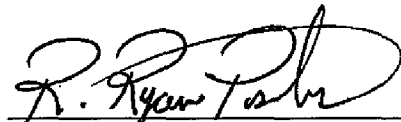
11. COMPLIANCE: Failure by a person to comply with any of the following may result in suspension or revocation of this exemption and penalties prescribed by the Federal hazardous materials transportation law 49 U.S.C. 5101 et seq.:
- o All terms and conditions prescribed in this exemption and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
 - o Registration required by § 107.601 et seq., when applicable.

Each "hazmat employee", as defined in § 171.8, who performs a function subject to this exemption must receive training on the requirements and conditions of this exemption in addition to the training required by §§ 172.700 through 172.704.

No person may use or apply this exemption, including display of its number, when the exemption has expired or is otherwise no longer in effect.

12. REPORTING REQUIREMENTS: The carrier is required to report any incident involving loss of packaging contents or packaging failure to the Associate Administrator for Hazardous Materials Safety (AAHMS) as soon as practicable. (Sections 171.15 and 171.16 apply to any activity undertaken under the authority of this exemption.) In addition, the holder(s) of this exemption must inform the AAHMS, in writing, of any incidents involving the package and shipments made under the terms of this exemption.

Issued at Washington, D.C.:



for Robert A. McGuire
Acting Associate Administrator
for Hazardous Materials Safety

JUL 3 2006
(DATE)

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Research and Special Programs Administration, Department of Transportation, Washington, D.C. 20590.
Attention: DHM-31.

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The original of this exemption is on file at the above office. Photo reproductions and legible reductions of this exemption are permitted. Any alteration of this exemption is prohibited.

PO: AM


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The following are hereby granted party status to this exemption based on their application(s) submitted in accordance with § 107.107 or § 107.109, as appropriate:

Company Name City/State	Applica- tion Date	Issue Date	Expiration Date
Stabilus GMBH, Koblenz, Germany (U.S. Agent: Robert L. Linch, Gastonia, NC)	6/13/2000	7/3/2000	5/31/2002
AVM, Incorporated Marion, SC	7/31/2000	AUG 28 2000	5/31/2002
Chrysler Corporation Auburn Hills, MI	10/28/98	10/29/98	9/30/2000
Herman Miller Inc. Zeeland, MI	12/13/99	2/11/00	9/30/2000
Nissan Forklift Corporation, North America Marengo, IL	9/20/99	11/23/99	9/30/2000



FOR Robert A. McGuire
Associate Administrator for
Hazardous Materials Safety